

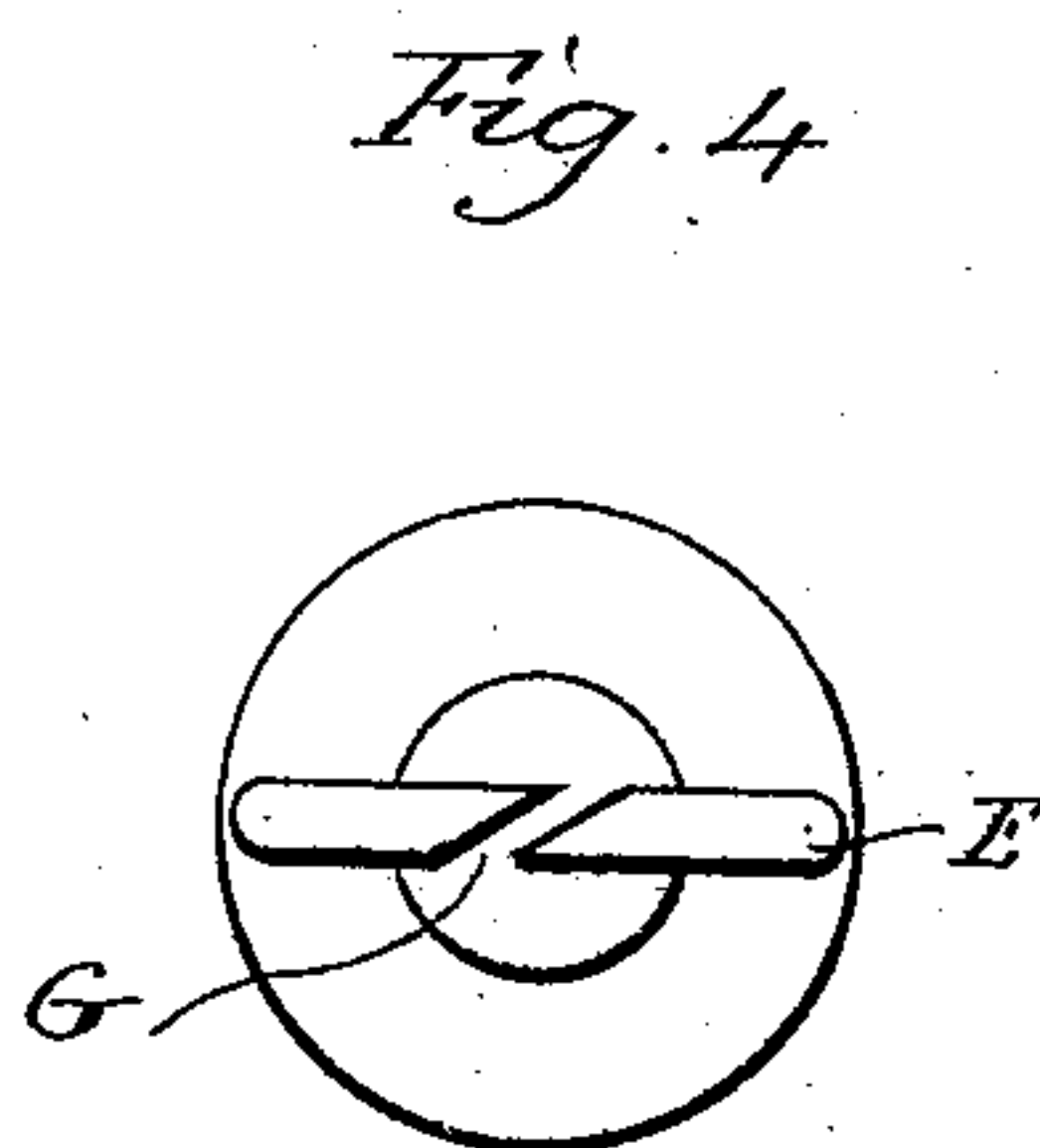
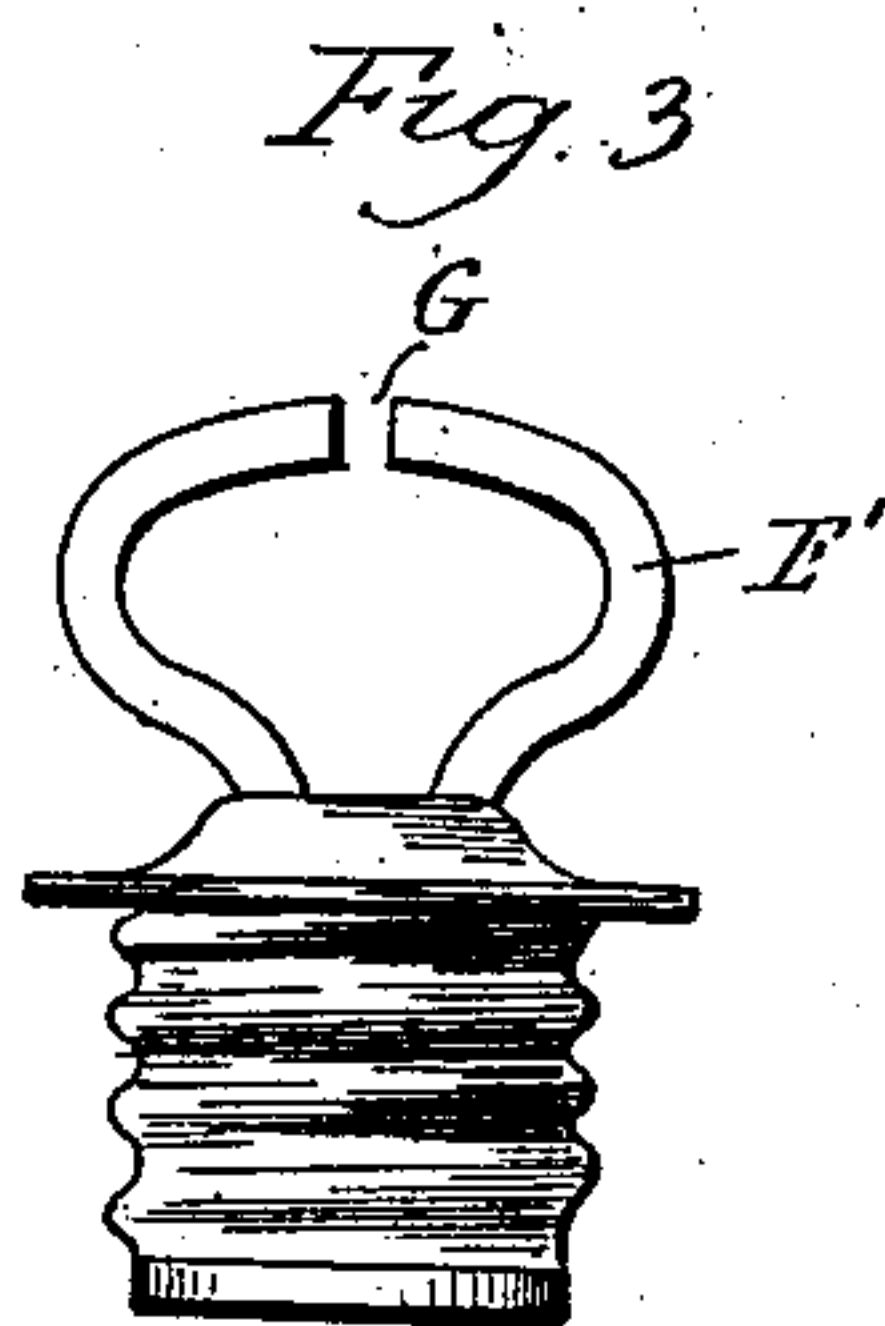
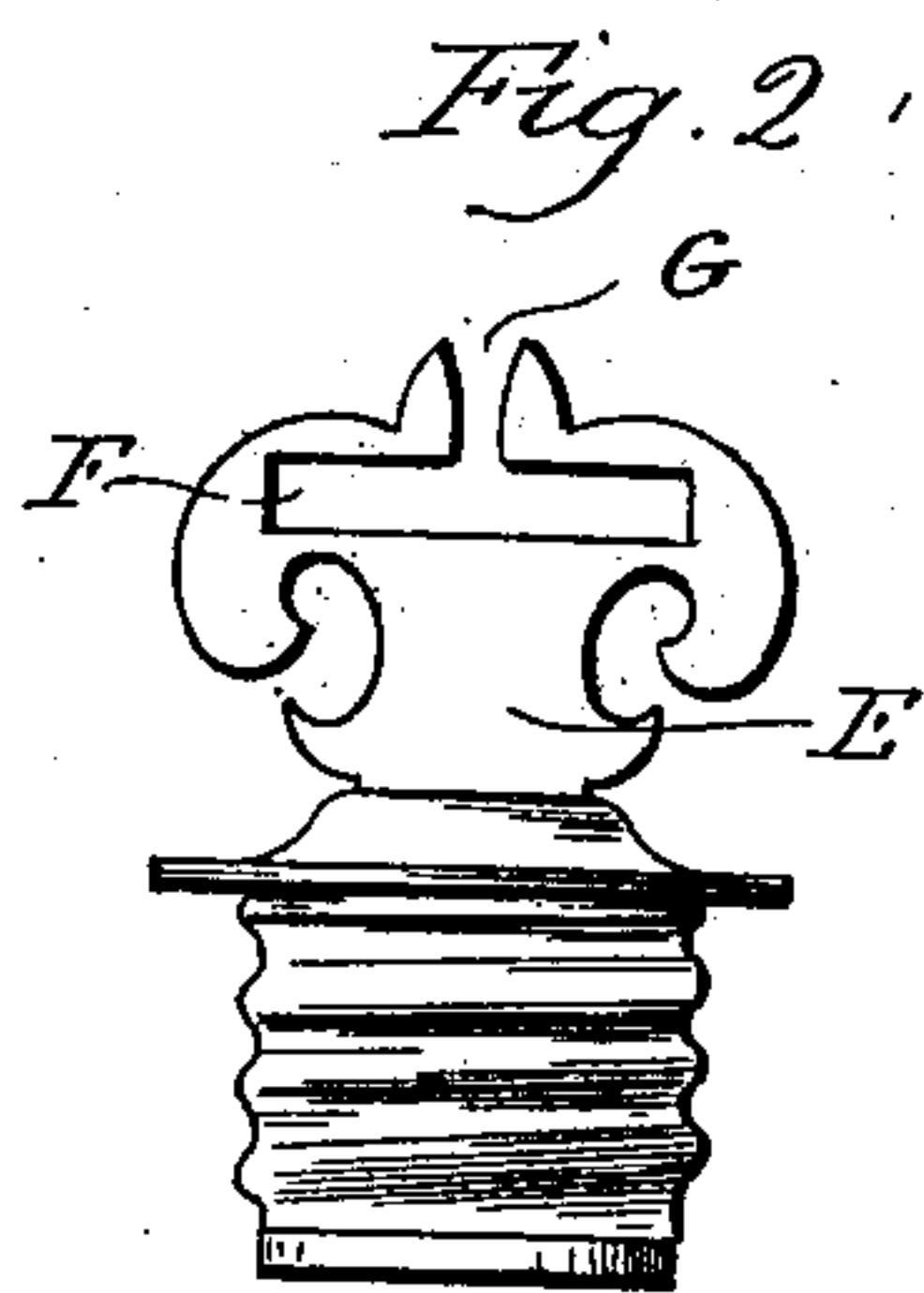
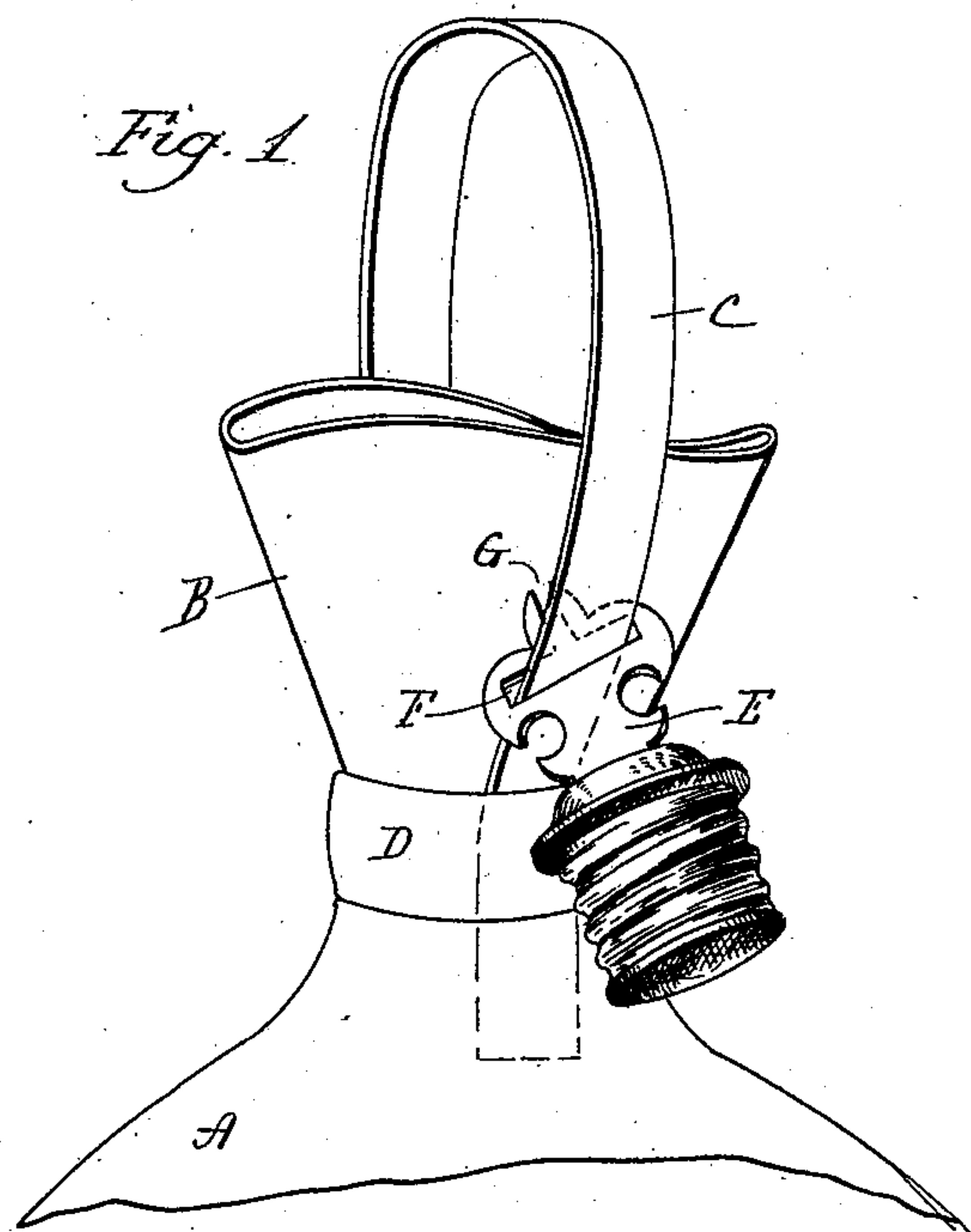
No. 713,234.

Patented Nov. 11, 1902.

E. E. MENGES.  
STOPPER FOR HOT WATER BAGS.

(Application filed Dec. 23, 1901.)

(No Model.)



Witnesses.  
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# UNITED STATES PATENT OFFICE.

EDWARD E. MENGES, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE SEAMLESS RUBBER CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

## STOPPER FOR HOT-WATER BAGS.

SPECIFICATION forming part of Letters Patent No. 713,234, dated November 11, 1902.

Application filed December 23, 1901. Serial No. 86,889. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD E. MENGES, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Stoppers for Hot-Water Bags; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view of the upper end of the water-bag, showing one form of my improved stopper connected with the handle thereof; Fig. 2, a side view of a stopper like that shown in Fig. 1 detached; Fig. 3, a side view of the stopper having a wire loop-like handle; Fig. 4, a detached view of a similar handle, having a diagonal opening in its upper side.

This invention relates to an improvement in stoppers for hot-water bags, the object of the invention being to construct the loop or handle of the stopper so that it may be readily engaged with or detached from the handle of the bag. When water-bags are not in use, it is desirable that they should be suspended in an inverted position with the stopper removed, so that they may be drained perfectly dry; but if the stopper is removed from the bag it is very liable to become misplaced. Various devices have been arranged for attaching the stopper to the bag; but in almost all cases they increase the expense of manufacturing the bag or are inconvenient to use.

My improvement includes the construction of a stopper whereby it may be readily attached to or removed from the ordinary strap-like handle of the bag and without changing the construction of the bag or increasing the expense of manufacturing the stoppers; and it consists in the construction as hereinafter described, and particularly recited in the claim.

The bag A may be of any approved design. As herein shown, it is provided with the usual funnel-like mouth B and a strap-like handle

C, the ends of which are secured to a neck D of the bag. The stopper may be of any approved form and may have a so-called "solid" handle E, as shown in Figs. 1 and 2, or a wire loop-like handle E', as shown in Figs. 3 and 4. If formed from sheet or cast metal, it would be provided near its outer end with a transverse slot or hole F, in the upper side of which is a passage G, the width of the passage G corresponding substantially to the thickness of the strap C, and the length of the slot F is slightly longer than the width of the strap C, so that the strap may be passed edgewise through the passage G and into the slot F, as clearly shown in Fig. 1 of the drawings, it being understood that the strap C is so flexible that it may be readily passed into the slot. If the handle is formed from wire, it may be divided at the center, forming a passage for the insertion of a strap-like handle, or instead of forming this opening at right angles to the handle it may be formed diagonally, as shown in Fig. 4. It will thus be evident that all forms of stoppers may be adapted for attachment to the handle and so that bags already constructed are adapted to have the stopper connected with them and that this construction of the stopper does not increase the cost of manufacture, and when the stopper is connected with the handle it is not liable to become accidentally displaced, as it is necessary to bend or twist the handle in order to disengage the stopper therefrom.

I am aware that stoppers or plugs have been provided with rings whereby they may be connected with the handles of the articles to which the plugs are to be applied, and therefore do not wish to be understood as claiming, broadly, such in my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a stopper for hot-water bags, the said stopper comprising an externally-screw-threaded plug, a cap therefor, and a metal handle rigidly secured to said cap, the said handle having an opening for receiving the strap-handle of the wa-



ter-bag and a narrow passage leading through  
the top of the handle into the said opening  
for the edgewise entrance of the strap-handle  
thereinto whereby the stopper may be tem-  
5 porarily suspended from the handle of the  
water-bag and removed therefrom for use.

In testimony whereof I have signed this

specification in the presence of two subscri-  
ing witnesses.

EDWARD E. MENGES.

Witnesses:

GEORGE M. ALLERTON,  
HOWARD H. MCGEE.